

## THE TRAY STACK EXTENSION MODULE

WITH THIS MECHANICAL MODULE IS INTEGRATED ON THE TOP OF THE  
SPEED DISP TRAY DENESTER  
IT IS ALLOWED TO LOAD THE TRAYS MAGAZINE WITH WITH A VERY HIGH  
TRAY STACK.



**A1**  
TRAY  
DENESTING  
TECHNOLOGY



**A2**  
TRAY  
DENESTING  
TECHNOLOGY



# THE TRAY STACK EXTENSION MODULE



THE TRAY STACK EXTENSION MODULE WILL WORK WITH BOTH



TRADITIONAL TRAYS  
MANUFACTURED WITH A  
HORIZONTAL SPACE BETWEEN  
THE TRAYS WHEN STACKED

DENESTED WITH  
**A1**  
TRAY DENESTING  
TECHNOLOGY



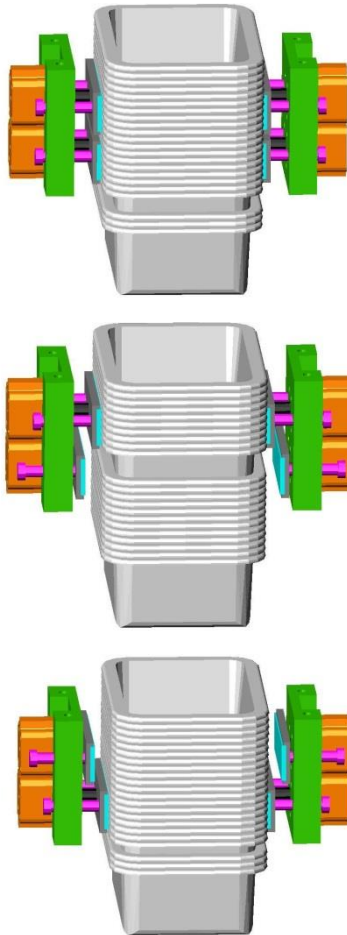
CLOSE STACKED TRAYS  
MANUFACTURED WITH NO  
HORIZONTAL SPACE BETWEEN  
THE TRAYS WHEN STACKED

DENESTED WITH  
**A2**  
INTELLIGENT  
AND  
TOLERANCE  
COMPENSATING  
TRAY DENESTING  
TECHNOLOGY



# THE TRAY STACK EXTENSION MODULE

## EXPLANATION OF THE WORKING PRINCIP



GENEREL: The 2 upper air cylinders will operate synchronised  
The 2 lower air cylinders will operate synchronised  
All cylinders is in forward (+) position  
The upper tray stack is now locked.  
The weight at the lower tray stack is minimized. (Weight on the denesting wheels)  
When a tray is denested, the space between the 2 tray stacks will be enlarged.

The number of denested trays is counted by the electrical control unit..  
Depending of the tray type (the space in between 2 trays) the cycles is:  
The 2 lower cylinders are moving till retracted (-) position.  
The tray stack on the lower side of the upper cylinders is now released, and will have a free fall down into the lower tray stack.

The 2 lower cylinders are now moving till forward position.  
The 2 upper cylinders will move till retracted position.  
The tray from the upper side on the upper cylinders is now released and will have a free fall down into the lower tray stack.  
The lower tray stack is not disturbed of the above weight as the lower tray stack is locked in between the extracted 2 lower cylinders  
The 2 upper cylinders are now moving till forward position.

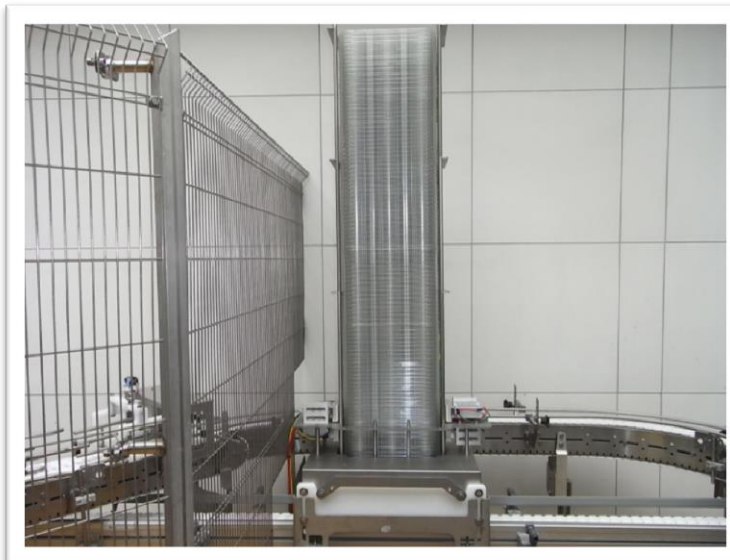
The electrical / pneumatic control will automatic continuo the cycles.  
The cycles will normal be programmed till start up after the denesting off 2 till 3 trays.

Please contact JKT if you ask for further information's, pneumatic schematic and timing schedule.

## THE TRAY STACK EXTENSION MODULE



**FOR THE DENESTING OF SALES DISPLAY TRAY  
FOR 6 X SKYR CUPS.  
TRAY DEMENSIONS 297 X 197 MM.**



**TOTAL NUMBER OF TRAYS IN  
THE TRAYS MAGAZINE**

**240 TRAYS / 1600 MM.**

**TOTAL WEIGHT  
OF THE TRAY  
STACK**

**9,0 KG.**

**THE TRAY STACK EXTENSION MODULE ALLOWS THE HIGH  
TOTAL WEIGHT OF THE TRAY STACK**

# SPECIAL DEVELOPED SPEED-DISP FOR A VERY LARGE TRAY THE TRAY MEASUREMENTS 560 X 380 MM.

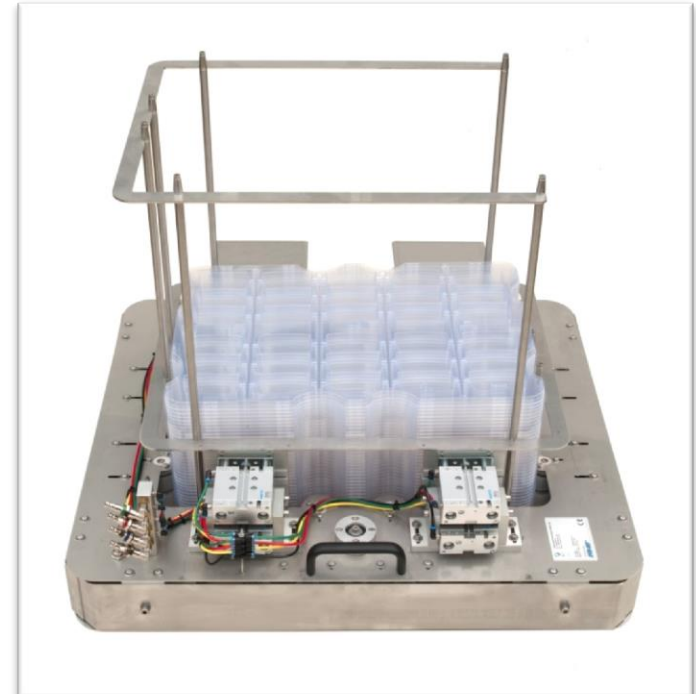


TOTAL NUMBER OF TRAYS IN  
THE TRAYS MAGAZINE

**100 TRAYS**

TOTAL WEIGHT  
OF THE TRAY  
STACK

**17,0 KG.**



**THE TRAY STACK EXTENSION MODULE ALLOWS THE HIGH  
TOTAL WEIGHT OF THE TRAY STACK**

**SPEED-DISP®**

Professional in tray  
denesting



**JKT**

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Konstruktions  
Teknik a/s

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